

## ABSTRACT

A Wireless Local Area Network (WLAN) system in which wireless terminals each operate upon battery power. One of the wireless terminals acts as a Master to coordinate the transmission and receptions of the Slaves so as to reduce the power consumed by all of the devices. The Slaves operate according to a power up and power down sequence to conserve battery power. Further, the terminals may alternate between being Slaves and being the Master to equalize battery consumption of the wireless terminals.